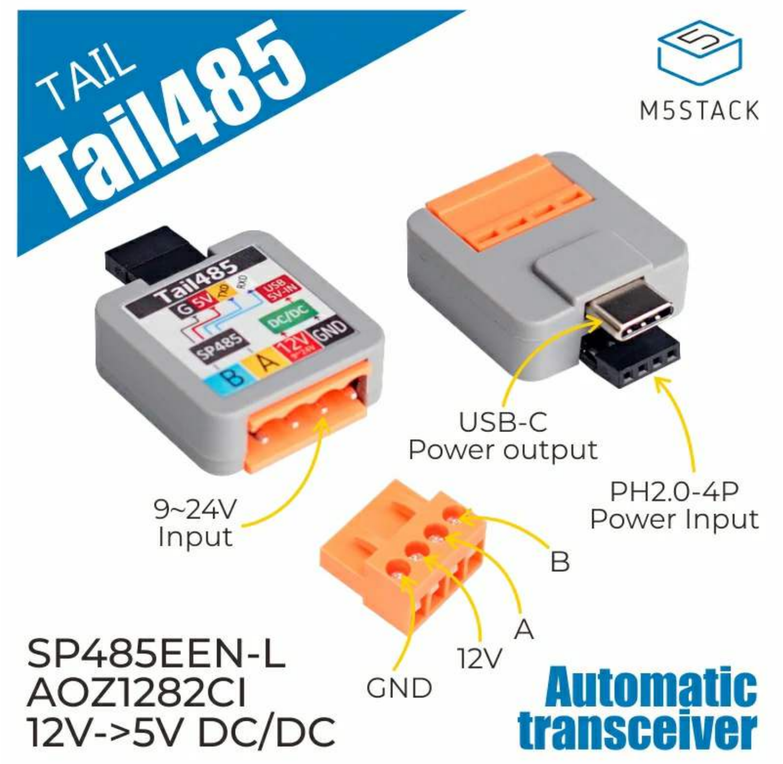
Tail485

SKU:T002



Description

Tail485 is a RS485 converter designed for ATOM, which is used for converting RS485 signals to TTL. RS485 is a standard defining the electrical characteristics of drivers and receivers for use in serial communications systems, widely used in the industrial field. It facilitates long distance communication in electrically noisy environments. Multipoint systems are supported. When the project equipment needs to communicate and control through RS485, it is a good choice to use Tail485 for interface type switching. A DC / DC voltage regulator chip is integrated in the tail485 module, which can directly convert the 12V voltage of RS485 to 5V to supply power for USB typeC interface, avoiding the inconvenience of a separate power supply.

Product Features

- Adapted for ATOM Matrix/ATOM Lite form factor
- Built in DC / DC
- SP485EEN-L

Inclued

- 1x Tail485

Application

- RS485 Multipoint communication

Specification

Specification Specification	Parameter Parameter
External port	VH-3.96 4P
Conversion level	5V<->12V
Line Transceiver IC	SP485EEN-L
Step-down IC	AOZ1282CI
Net weight	9g
Gross weight	9g
Product Size	54*96*10mm
Package Size	100*60*10mm
Case material	Plastic (PC)

EasyLoader

EasyLoader is a concise and fast firmware burner, which has a case specific program related to the product. It can flash the device quickly and simply in order to perform a test or verification of the devices function.

Download Windows Version Easyloader Download MacOS Version Easyloader

Description:

Press button to send "hello",when received message the led will flashed.

Related Link

- **Datasheet**
- SP485EEN
- AOZ1282CI

PinMap

ATOM	GPIO26	GPIO32	5V	GND
Tail485	TX	RX	5V	GND

Schematic

Example

Arduino

- Click here to download the Arduino example

UIFlow

- Click here to download the UIFlow example